

0410 Rec'd PCT/PTO 17 SEP 2001

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| FCR TO-1390 (Modified)<br>(REV 11-2000)   |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | ATTORNEY'S DOCKET NUMBER<br>BOU 007 <i>PG</i>           |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  |   |  | U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR<br>09/936795 |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/GB00/00959   |  | INTERNATIONAL FILING DATE<br>15 MARCH 2000 (15.03.2000) |  | PRIORITY DATE CLAIMED<br>16 MARCH 1999 (16.03.1999)     |  |
| TITLE OF INVENTION<br>A DEVICE FOR DETECTING THE PRESENCE OF A CHEMICAL CONTAMINANT<br>SEP 17 2001  |  |   |  |   |  |
| APPLICANT(S) FOR DO/EO/US<br>ROBERT BRIDGES   |  |   |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |  |   |  |
| <div>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</div> <div>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</div> <div>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.</div> <div>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</div> <div>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2))</div> <div>    a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</div> <div>    b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</div> <div>    c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</div> <div><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</div> <div>    a. <input type="checkbox"/> is attached hereto.</div> <div>    b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</div> <div><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</div> <div>    a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</div> <div>    b. <input type="checkbox"/> have been communicated by the International Bureau.</div> <div>    c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</div> <div>    d. <input checked="" type="checkbox"/> have not been made and will not be made.</div> <div><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</div> <div><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (unexecuted)</div> <div><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</div> <div>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</div> <div>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</div> <div>Items 13 to 20 below concern document(s) or information included:</div> <div>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</div> <div>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</div> <div>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</div> <div>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</div> <div>17. <input type="checkbox"/> A substitute specification.</div> <div>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</div> <div>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</div> <div>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</div> <div>21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</div> <div>22. <input type="checkbox"/> Certificate of Mailing by Express Mail</div> <div>23. <input checked="" type="checkbox"/> Other items or information: Amendment, dated 16 October 2000<br/>Response to Written Opinion, dated 24 January 2001</div> |  |   |  |   |  |

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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53)<br><b>09/936795</b> |  | INTERNATIONAL APPLICATION NO.<br><b>PCT/GB00/00959</b> |  | ATTORNEY'S DOCKET NUMBER<br><b>BOUL/0007</b> |  |
|--|--|--|--|--|--|

24. The following fees are submitted:

|  |                  |  |                                  |  |
|--|------------------|--|----------------------------------|--|
| <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :</b>   |                  |  | <b>CALCULATIONS PTO USE ONLY</b> |  |
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... | <b>\$1000.00</b> |  |                                  |  |
| <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....  | <b>\$860.00</b>  |  |                                  |  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  | <b>\$710.00</b>  |  |                                  |  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....   | <b>\$690.00</b>  |  |                                  |  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....   | <b>\$100.00</b>  |  |                                  |  |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |                  |  | <b>\$860.00</b>                  |  |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30                |                  |  | <b>\$0.00</b>                    |  |

| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE      |                           |
|--|--------------|--------------|-----------|---------------------------|
| Total claims   | 29 - 20 =    | 9            | x \$18.00 | <b>\$162.00</b>           |
| Independent claims   | 4 - 3 =      | 1            | x \$80.00 | <b>\$80.00</b>            |
| Multiple Dependent Claims (check if applicable). <input type="checkbox"/>  |              |              |           | <b>\$0.00</b>             |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |           | <b>\$1,102.00</b>         |
| <input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.27). The fees indicated above are reduced by 1/2.   |              |              |           | <b>\$0.00</b>             |
| <b>SUBTOTAL =</b>  |              |              |           | <b>\$1,102.00</b>         |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 |              |              |           | <b>\$0.00</b>             |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |           | <b>\$1,102.00</b>         |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>                     |              |              |           | <b>\$0.00</b>             |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |           | <b>\$1,102.00</b>         |
|  |              |              |           | Amount to be: refunded \$ |
|  |              |              |           | charged \$                |

a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 200782/BOUL7 in the amount of \$1,102.00 to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 200782/BOUL7. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**William B. Patterson**  
**Moser, Patterson & Sheridan, LLP**  
**3040 Post Oak Blvd., Suite 1500**  
**Houston, TX 77056 USA**

  
 SIGNATURE

**William B. Patterson**  
 NAME

**34,102**  
 REGISTRATION NUMBER

**17 SEPTEMBER 2001**  
 DATE

090936795

Patent

Atty. Dkt. No. BOUL/0007

JC12 Rec'd PCT/PTO

17 SEP 2001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Robert Bridges

Serial No.: Unassigned

Filed: Herewith

For: A DEVICE FOR  
DETECTING THE  
PRESENCE OF A  
CHEMICAL CONTAMINANT

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Group Art Unit: Unknown

Examiner: Unknown

BOX NEW APPLICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF EXPRESS MAILING  
37 C.F.R. 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. EL849164390US, in an envelope addressed to: BOX NEW APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

17 Sept 01

Date

Signature

## LETTER OF TRANSMITTAL

Enclosed for filing are the following documents:

- 1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371;
- 2) Combined Declaration and Power of Attorney - unexecuted;
- 3) Preliminary Amendment;
- 4) WIPO Publication WO 00/55598 (w/attached Search Report);
- 5) Amendment, dated October 16, 2000;
- 6) Amendment, dated January 24, 2001;
- 7) International Preliminary Examination Report;
- 8) Information Disclosure Statement; and,
- 9) Return postcard.

Respectfully submitted,



William B. Patterson  
Registration No. 34,102  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd., Suite 1500  
Houston, Texas 77056  
Telephone 713/623-4844  
Facsimile 713/623-4846  
Attorney for Applicant